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- (71) Applicant (*for all designated States except US*): **TIBOTEC BVBA** [BE/BE]; Generaal De Wittelaan L11 B3, B-2800 Mechelen (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **GOEMAN, Jan, Ludwig** [BE/BE]; Kleine Peperstraat 15, B-9100 Sint-Niklaas (BE). **VAN ACKER, Koenraad, Lodewijk, August** [BE/BE]; Azalealaan 81, B-9140 Temse (BE). **VAN DER EYCKEN, Johan, Theo, André** [BE/BE]; Denderhoutembaan 261, B-9400 Ninove (BE). **DIERYNCK, Inge** [BE/BE]; Moonsstraat 38, B-2018 Antwerpen (BE).
- (74) Agent: **DAELEMANS, Frank**; Tibotec-Virco Comm. VA, Generaal De Wittelaan L11 B3, B-2800 Mechelen (BE).
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(54) Title: FLUOROGENIC ENZYME SUBSTRATES AND METHODS OF PREPARATION

(57) Abstract: This invention relates to hydrolase fluorogenic substrates with improved cell permeability, methods for the preparation thereof, and methods of measuring activities of hydrolases, particularly in cell-based assays. The substrates easily diffuse into the cells, where they are enzymatically processed to yield photostable fluorescent products, and are particularly fitted for visualising enzyme-derived activities in cell-based assays.

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